



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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SWA15A-3-OH
Job Sheet OH201008



Part No: SWA15A-3-OH

Job Qty: 1 pcs

Part Name: Electric Swivel 15,000 lb Safe Work Load (6,818 kg)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/20/19

Job Tracking No:

Created By: Jennifer Renwick

Due Date: 11/8/19

Type: Rework - OH

Description: A731 / SN 2928-01 / Order

Note: DWG SWA15A Rev 1 IPP Rev A 18.03.22 New issue DP Verify DD

Ship Via:

Cancel Overhaul
See Attached

Disassembly

New container
AR=5228768

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier Lead Time	
110	External Load - Issue SN	1 pcs	11/8/19	0.00	1.00	External Load - 1		JRL 5215
						External Load - 2		
						External Load - 3		
115	External Load - 2 - B4B	1 pcs	11/8/19	0.00	1.00	External Load - 1 - B4B		
						External Load - 2 - B4B		
						External Load - 3 - B4B		
120	QC 5	1 pcs	11/8/19	0.00	0.00	QC 5 - 10		
						QC 5 - 12		
						QC 5 - 17		
						QC 5 - 18		
						QC 5 - 19		
						QC 5 - 22		
						QC 5 - 24		
						QC 5 - 3		
						QC 5 - 43		
						QC 5 - 49		
						QC 5 - 51		
						QC 5 - 58		
						QC 5 - 68		
						QC 5 - 9		
						QC 5 - 50		
						QC 5 - 30		
						QC 5 - 40		
						QC 5 - 61		
						QC 5 - 81		
130	Customer Acceptance	1 pcs	11/8/19	0.00	0.00			
							Plex 9/20/19 11:17 AM Dart.Renwick.Jennifer	

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140	Outsource - 2 - NDT per QSI038	1 pcs	11/8/19		SKY002-VC	5	
150	Packaging 2-1 - Receive - B4B	1 pcs	11/8/19	0.00 0.00	Packaging 2 - 1 - B4B		
					Packaging 2 - 2 - B4B		
					Packaging 2 - 3 - B4B		
					Packaging 2 - 5 - B4B		
					Packaging 2 - 4 - B4B		
					Packaging 2 - 6 - B4B		
					Packaging 2 - 7 - B4B		
					Packaging 2 - 8 - B4B		
					Packaging 2 - 9 - B4B		
					Packaging 2 - 10 - B4B		
					Packaging 2 - 11 - B4B		
					Packaging 2 - 12 - B4B		
					Packaging 2 - 13 - B4B		
					Packaging 2 - 14 - B4B		
					Packaging 2 - 15 - B4B		
					Packaging 2 - 16 - B4B		
					Packaging 2 - 17 - B4B		
					Packaging 2 - 18 - B4B		
					Packaging 2 - 19 - B4B		
					Packaging 2 - 20 - B4B		
					Packaging 2 - 21 - B4B		
					Packaging 2 - 22 - B4B		
					Packaging 2 - 23 - B4B		
					Packaging 2 - 24 - B4B		
					Packaging 2 - 25 - B4B		
					Packaging 2 - 26 - B4B		
					Packaging 2 - 27 - B4B		
					Packaging 2 - 28 - B4B		
					Packaging 2 - 29 - B4B		
					Packaging 2 - 30 - B4B		
					Packaging 2 - 31 - B4B		
					Packaging 2 - 32 - B4B		
					Packaging 2 - 33 - B4B		
					Packaging 2 - 34 - B4B		
					Packaging 2 - 35 - B4B		
					Packaging 2 - 36 - B4B		
160	QC 6	1 pcs	11/8/19	0.00 0.00	QC 6 - 9		
					QC 6 - 68		
					QC 6 - 61		
					QC 6 - 40		
					QC 6 - 81		
190	External Load - 4 - B4B	1 pcs	11/8/19	0.00 1.33	External Load - 1 - B4B		
					External Load - 2 - B4B		
					External Load - 3 - B4B		
195	QC 5	1 pcs	11/8/19	0.00 0.00	QC 5 - 10		
					QC 5 - 12		
					QC 5 - 17		
					QC 5 - 18		
					QC 5 - 19		
					QC 5 - 22		
					QC 5 - 24		
					QC 5 - 3		
					QC 5 - 43		
					Plex 9/20/19 11:17 AM Dart.Renwick.Jennifer		

					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
					QC 5 - 61	
					QC 5 - 81	
200	Packaging 3-1 - Stock - B4B	1 pcs	11/8/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
210	DC - 1 - B4B	1 pcs	11/8/19	0.00 0.00	DC - 1 - B4B	
					DC - 2 - B4B	
220	QC 21 - FG	1 pcs	11/8/19	0.00 0.00	QC 21 - FG - 21	
					QC 21 - FG - 70	
					QC 21 - FG - 53	

Part Op 110 - Issue S/N

Descriptions: 115 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

120 - (QC5- Inspect part completeness to step on W/O)

140 - LIQUID PENETRANT INSPECTION AS PER QSI 038

- 150 - (Receive & Inspect for Damage & Mat'l Certs)
 160 - (QC6- All purchased or subcontracted products) 1-Triage parts to be sent out for plating
 190 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.
 195 - (QC5- Inspect part completeness to step on W/O)
 200 - (Identify as per dwg & Stock Location: _____)
 210 - Photocopy blue file manual and create labels
 220 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA15A-3-AR	Electric Swivel 15,000 lb Safe Work Load (6,818 Kg)	1 Ea (1 ea)	110-External Load - Issue SN	
188-FPSS-1032-5/8	Set Screw	1 Ea (1 ea)	190-External Load - 4 - B4B	
188-FSCS-1032-5/8	Flat socket cap Screw	4 Ea (4 ea)	190-External Load - 4 - B4B	
600.1319	Up Decal	1 pcs (1 ea)	190-External Load - 4 - B4B	
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	190-External Load - 4 - B4B	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	190-External Load - 4 - B4B	
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge replace w/t 01004-08-047	6 ft (6 ea)	190-External Load - 4 - B4B	
SWA10A-1100	Upper DU Bearing	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA10A-1200	Lower DU Bearing	1 Ea (1 ea)	190-External Load - 4 - B4B	
SWA10A-1300	Roller Thrust Bearing	1 Ea (1 ea)	190-External Load - 4 - B4B	
SWA10A-1400	Circlip	1 Ea (1 ea)	190-External Load - 4 - B4B	
SWA10A-1800	Cover	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA10A-300	Bearing Housing	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA10A-400	Thrust Washer	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA10A-500	Semi-Rings	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA10A-600	Collar	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA10A-700	Wire Clamp	2 pcs (2 ea)	190-External Load - 4 - B4B	
SWA15A-100	Lower End	1 (1 ea)	190-External Load - 4 - B4B	
SWA15A-200	Upper End Swivel	1 (1 ea)	190-External Load - 4 - B4B	
SWA6A-1900	1/4" Female Spade Connector	6 Ea (6 ea)	190-External Load - 4 - B4B	
SWA6A-800B	Connector Bushing	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA6A-900B	Rotary Connector - 3 wire	1 Ea (1 ea)	190-External Load - 4 - B4B	

Job Allocations

Operation	Component Part	Required 1	Inventory 2	Allocated 1
110-External Load - Issue SN	SWA15A-3			
Allocated Container Detail				
	Qty	Container No	Location	Init
	1	S215196	conditional release	JK
190-External Load - 4 - B4B	188-FPSS-1032-5/8	1	254	0
	188-FSCS-1032-5/8	4	56	0
	600.1319	1	228	0
	EL-PLUG-F	1	12	0
	EL-PLUG-M	1	12	0
	EL314-SJTOW	6	0	0
	01004-08-047	1	18	0
	SWA10A-1100	1	22	0
	SWA10A-1200	1	11	0
	SWA10A-1300	1	14	0
	SWA10A-1400	1	6	0
	SWA10A-1800	1	1	0
	SWA10A-300	1	9	0
	SWA10A-400	1	18	0
	SWA10A-500	1	9	0
	SWA10A-600	2	8	0
	SWA10A-700	1	0	0
	SWA15A-100	1	0	0
	SWA15A-200	6	74	0
	SWA6A-1900	1	25	0
	SWA6A-800B	1	12	0
	SWA6A-900B			
	JK SWA6A-2000	4		

Part Specifications

Specifications could not be found.

Plex 9/20/19 11:17 AM Dart.Renwick.Jennifer

JK 188-FPSS-1032-3/8 1
 188-FPSS-1032-1/2 1

Inspection Sheet Complete RA781

Part Number	Original Batch / Serial # / Ctl #	Original Revision #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Original Container #	New (Receiving) Serial #	New Job #	Work order Instructions
SWA15A-3	M274-01		1	☐ Yes	☐ Yes	☐ Yes	☐ Yes			S715490	OH201007	Overhaul
SWA15A-3	0000-01		1	☐ Yes	☐ Yes	☐ Yes	☐ Yes				OH201008	Overhaul
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					

Customer QA Ref # _____

QC Approval: _____

Date: 0-Jan-00

Special Return/Rework Instructions:

Jennifer Renwick

From: Jennifer Renwick
Sent: Thursday, October 31, 2019 1:30 PM
To: Lacey Cantin; Chantal Chartrand
Cc: Linda Lacelle; Support
Subject: RE: Swivel Overhaul - DART Quote 19309/RA781
Attachments: RE: VIH overhaul SWA15A-3 - RA781

Hi Guys,

Can you please also change part# of line 2 to SWA15A-3-AR. As per process it took 41 days to obtain approval- making the new ship date @Dec. 23rd, 2019.

Please make the following notes as well:

Please ship container S228768 / SN 2928-01 - DO NOT send a new C of C - Customer Support should issue a revised C of C.

Hi Customer Support,

Please see attached e-mail for reference. I will leave this with you to take care of so a case can be opened ect.

Thank you,
Jen

-----Original Message-----

From: Lacey Cantin <lcantin@dartaero.com>
Sent: Thursday, October 31, 2019 12:19 PM
To: Chantal Chartrand <cchartrand@dartaero.com>
Cc: Jennifer Renwick <jrenwick@dartaero.com>
Subject: FW: Swivel Overhaul - DART Quote 19309/RA781

Hi Chantal,

Can you please amend order 19309 so that line 2 has a \$250 inspection fee only? Both orders can be pushed out, but I will wait for Jen to confirm which date. Both will ship back together when ready.

Thanks,

er Renwick

From: Lacey Cantin
Sent: Thursday, October 31, 2019 12:12 PM
To: Jennifer Renwick
Subject: FW: Swivel Overhaul - DART Quote 19309/RA781

FYI for RA781 - kindly see below :)

-----Original Message-----

From: Vicky Watson [mailto:vwatson@vih.com]
Sent: October 31, 2019 12:05 PM
To: Lacey Cantin <lcantin@dartaero.com>
Cc: Yard Mechanic <yardmech@vih.com>; Mike Lowery <mlowery@vih.com>
Subject: RE: Swivel Overhaul - DART Quote 19309/RA781

Good Morning Lacey,

At this time s/n 2928-01 will not need overhaul as to your email.

Please continue with the overhaul on s/n M274-01 and when complete, please ship back with s/n 2928-01.

Many thanks,

Vicky Watson
Operational Stores Assistant
VIH Helicopters
A VIH Aviation Group Company

Phone: (250) 655-6876 | Cell: (250) 886-7481 | Fax: (250) 655-6849
E-mail: vwatson@vih.com | Web: http://scanmail.trustwave.com/?c=4062&d=n4a73YR5H297uO898ekHs50-MZWYxIqkE_D4RSW9mg&s=1505&u=http%3a%2f%2fwwww%2evihhelicopters%2ecom

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SWA'SP-3

Cancel SN 2928-01

Job OH201008

order 19309

Container# S215612
S228768

Ship container#

*AR - Send no cert
Back w part

⑥ 9-20-2019 → 10/31/2019
41 Days. Dec. 23rd.

not need a rental swivel.

Thank you for the offer. Will keep that in mind next time we are stuck.

Vicky Watson
Operational Stores Assistant
VIH Helicopters
A VIH Aviation Group Company

Phone: (250) 655-6876 | Cell: (250) 886-7481 | Fax: (250) 655-6849
E-mail: vwatson@vih.com | Web: http://scanmail.trustwave.com/?c=4062&d=n4a73YR5H297uO898ekHsSO-MZWYxlqkE_D4RSW9mg&s=1505&u=http%3a%2f%2fwww%2evihhelicopters%2ecom

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-----Original Message-----

From: Vicky Watson
Sent: Monday, September 23, 2019 2:51 PM
To: Lacey Cantin <lcantin@dartaero.com>
Cc: Yard Mechanic <yardmech@vih.com>; Mike Lowery <mlowery@vih.com>
Subject: Re: Swivel Overhaul - DART Quote 19309/RA781

Hi Lacey,

Yes that swivel was never used but the cert expired and it wasn't in quarantine.

Regarding a rental of a swivel. What's the chances of this?
How quick can it be here?

Thanks,
Vicky

Sent from my iPhone

> On Sep 20, 2019, at 11:40 AM, Lacey Cantin <lcantin@dartaero.com> wrote:

>
>
>
> From: Lacey Cantin
> Sent: September 19, 2019 1:56 PM
> To: Yard Mechanic <yardmech@vih.com>
> Cc: Vicky Watson <vwatson@vih.com>; Mike Lowery <mlowery@vih.com>
> Subject: RE: Swivel Overhaul - DART Quote 19309/RA781
>
> Hi Braydon,
>
> So sorry for the delay on this, just got back into the office this morning from travelling in the US. I'm trying to come up with a solution for you, and this is what I can propose:
>
> First – I would need to know if the swivel absolutely needs to be a SWA15A-3 like you sent in for O/H? Reason I ask, is the lead time for the overhaul is about 8 weeks since there's a lot of outsource that happens with the overhaul, so it takes a considerable amount of time. If you don't need it to be 3 wire and you will accept 4 wire, I do have one that I can rent to you. Fee is \$20 a day to a max of \$750 USD. Once you are ready to send the loaner back to us kindly let us know and we will stop the billing and charge you the price accordingly.
>
> Please let me know if this is an option that would work for you to help get you out of a jam.
>
> Kindest Regards,
>
> LACEY CANTIN
> Inside Sales Representative
>
> DART AEROSPACE
> T 1 514 907-5959 > 247
> 1 800 556- 4166
> <http://scanmail.trustwave.com/?c=4062&d=n4a73YR5H297uO898ekHsS0-MZWYxl>
> qkE_CvT3fhnA&s=1505&u=http%3a%2f%2fwww%2edartaerospace%2ecom<http://scanmail.trustwave.com/?c=4062&d=n4a73YR5H297uO898ekHsS0-MZWYxlqkE_OtRHD
> anmail.trustwave.com/?c=4062&d=n4a73YR5H297uO898ekHsS0-MZWYxlqkE_OtRHD
> hyQ&s=1505&u=http%3a%2f%2fwww%2edartaerospace%2ecom%2f>
>
> For technical support, click here<<https://scanmail.trustwave.com/?c=4062&d=n4a73YR5H297uO898ekHsS0-MZWYxlqkE6P8TizqmA&s=1505&u=https%3a%2f%2fwww%2edartaerospace%2ecom%2fen%2fcontact%2f>>.

74 756

> Thanks for your email. Going forward should you require any assistance, please feel free to email me directly and I would be happy to help you.

> I've attached here an RMA plus quote for overhaul for the 2 swivels. Can you kindly send me a PO for this work order to be opened on my end? Approximate lead time of the overhaul is 8 weeks. Once we receive the swivels if there are replacement parts needed I will send you the inspection report plus a list of parts, and prices for your approval.

> Please don't hesitate to let me know if I can be of further assistance.

>
> Kindest Regards,

^ > | ACEY CANTIN

> Inside Sales Representative

> DART AEROSPACE

> | 1514 90/-5959 > 24/

> <http://scanmail.t>

>qkE_CvT3fhNA&s=1505&u=http%3a%2f%2fwww%2edartaerospace%2ecom<http://sc

> anmall.trustwave.com/fc-400z&d-g-nc3iv

> <http://scanmail.trustwave.com/?c=4062&d=n4a73YR5H297uO898ekHs50-MZWYxl>

>qkE_T6RHG5nA&s=1505&u=http%3a%2f%2fospace%252ecom%252f>

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MZWYxlakE6P8TizamA&s=1505&u=https%3a%2f%2fwww%2edartaerospace%2ecom%2fen%2tcontact%2t>.

> To access technical documentation, create your account here<<https://scannell.trustwave.com/register>>

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>=4062&d=gYIC3YNZWmCSU/DGII48KC3IIIJ1503W

Λ Λ

From: Yara Mecialnic <yara.mecialnic@vni.com>
Sent: Wednesday, September 4, 2019 12:31 PM

> To: Support <support@dartaero.com>mailto:support@dartaero.com>>

> Cc: Vicky Watson <vwatson@vih.com>mailto:vwatson@vih.com>>